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III. *A new and exact Table collected from several Observations taken from the Year 1721 to 1729, in nine Voyages to Hudson's Bay in North-America, by Captain C. Middleton; shewing the Variation of the Compass according to the Latitudes and Longitudes under-mentioned, accounting the Longitude from the Meridian of London. Communicated by Mr. Benj. Robins, F. R. S.*

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
50 00	2 East	12 00		50 00	16 00	15 00	Obs.
49 30	0 00	12 00		51	ditto	15	Obs.
50 00	2 West	13 00	Obs.	52	ditto	16	Ac.
50 00	4 00	13 00	ditto	53	ditto	16	
50 00	6 00	13 00	ditto	54	ditto	17	Obs.
51 00	8 00	14 00	ditto	55	ditto	18	Ac.
51 00	14 00	14 00	ditto	56	ditto	18	
52 00	12 00	15 00	Ac.	57	ditto	19	
53 00	12 00	ditto.	ditto	58	ditto	19	Obs.
54 00	12 00	ditto.	ditto	50 00	18 00	17 00	Obs.
55 00	12 00	16 00	ditto	51	ditto	17	
56 00	12 00	16 00	Obs.	52	ditto	17	
57 00	12 00	17 00	ditto	53	ditto	17	
58 00	12 00	17 00	ditto	54	ditto	18	
59 00	12 00	18 00	ditto	55	ditto	18	Ac.
50 00	14 00	14 00	Obs.	56	ditto	18	
51 00	ditto	14		57	ditto	19	
52	ditto	15		58	ditto	19	Obs.
53	ditto	15	Ac.	59	ditto	19	
54	ditto	16	Obs.				
55	ditto	16	Obs.				
56	ditto	17	Obs.				
57	ditto	17	Obs.				
58	ditto	18	Obs.				
59	ditto	18	Ac.				

K

Lat.

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
50 00	20 00	18 00	Ac.	50 00	26 00	21 00	Obf.
51	ditto	18		51	ditto	21	
52	ditto	18	Obf.	52	ditto	21	Ac.
53	ditto	19		53	ditto	21	
54	ditto	19		54	ditto	22	Obf.
55	ditto	19		55	ditto	22	
56	ditto	19	Ac.	56	ditto	22	Ac.
57	ditto	19		57	ditto	23	Obf.
58	ditto	20		58	ditto	23	
59	ditto	21	Obf.	59	ditto	23	
50 00	22 00	19 00	Obf.	50 00	28 00	22 00	Ac.
51	ditto	19	Ac.	51	ditto	22	
52	ditto	19		52	ditto	22	
53	ditto	20	Obf.	53	ditto	23	Obf.
54	ditto	20	Ac.	54	ditto	23	
55	ditto	20		55	ditto	23	Ac.
56	ditto	20		56	ditto	23	
57	ditto	20		57	ditto	24	Obf.
58	ditto	21	Obf.	58	ditto	24	
59	ditto	21		59	ditto	24	
50 00	24 00	20 00	Ac.	50 00	30 00	23 00	Ac.
51	ditto	20		51	ditto	23	
52	ditto	20		52	ditto	23	
53	ditto	21	Obf.	53	ditto	24	Obf.
54	ditto	21		54	ditto	24	Ac.
55	ditto	21	Ac.	55	ditto	24	
56	ditto	21		56	ditto	24	
57	ditto	21	Obf.	57	ditto	25	Obf.
58	ditto	22		58	ditto	25	
59	ditto	22		59	ditto	25	Ac.

Lat. D. M.	Long. D. M.	Variat. D. M.		Lat. D. M.	Long. D. M.	Variat. D. M.	
50 00	32 00	24 00	Ac.	50 00	40 00	28 00	Ac.
51	ditto	24		51	ditto	28	Obf.
52	ditto	24	Obf.	52	ditto	28	
53	ditto	24		53	ditto	29	
54	ditto	25		54	ditto	29	Ac.
55	ditto	25	Ac.	55	ditto	29	
56	ditto	25		56	ditto	29	
57	ditto	26	Obf.	57	ditto	30	Obf.
58	ditto	26	Ac.	58	ditto	30	
59	ditto	26	Obf.	59	ditto	30	
50 00	34 00	25 00	Obf.	51 00	42 00	29 00	Obf.
51	ditto	25	Ac.	52	ditto	29	
52	ditto	25		53	ditto	30	
53	ditto	25		54	ditto	30	
54	ditto	26	Obf.	55	ditto	30	Ac.
55	ditto	26	Obf.	56	ditto	30	Obf.
57	ditto	26		57	ditto	31	
58	ditto	27	Ac.	58	ditto	31	
59	ditto	27		59	ditto	31	
50 00	38 00	27 00	Obf.	52 00	44 00	30 00	Obf.
51	ditto	27	Ac.	53	ditto	31	
52	ditto	27	Obf.	54	ditto	31	Ac.
53	ditto	28		55	ditto	31	
54	ditto	28		56	ditto	31	
55	ditto	28	Ac.	57	ditto	32	Obf.
56	ditto	28		58	ditto	32	
57	ditto	29	Obf.	59	ditto	32	Ac.
58	ditto	29					
59	ditto	30	Obf.				

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
53 00	46 00	31 00	Ac.	58 00	58 00	36 00	Obf.
54	ditto	32	Obf.	59	ditto	37	
55	ditto	32		60	ditto	37	
56	ditto	32	Ac.	61	ditto	37	
57	ditto	33	Obf.	62	ditto	38	
58	ditto	33		63	ditto	38	
59	ditto	33					
56 00	48 00	32 00	Obf.	58 00	60 00	37 00	Obf.
57	ditto	32		59	ditto	38	
58	ditto	32		60	ditto	38	
59	ditto	34		62	ditto	38	
60	ditto	34		63	ditto	39	
61	ditto	34					
57 00	50 00	33 00	Obf.	58 00	62 00	38 00	Obf.
58	ditto	33		59	ditto	39	
59	ditto	33		60	ditto	39	
60	ditto	34		61	ditto	39	
61	ditto	35		62	ditto	40	
58 00	52 00	34 00	Obf.	59 00	64 00	39 00	Obf.
59	ditto	34		60	ditto	39	
60	ditto	34		61	ditto	39	
61	ditto	35		62	ditto	40	
62	ditto	35					
58 00	54 00	34 00	Obf.	60 00	66 00	40 00	Obf.
59	ditto	35		61	ditto	41	
60	ditto	36		62	ditto	43	
61	ditto	36					
62	ditto	36		59 00	68 00	40 00	
				60	ditto	43	
				61	ditto	44	
				62	ditto	47	
58 00	56 00	36 00	Obf.	60 00	70 00	43 00	
59	ditto	36		61	ditto	44	
60	ditto	36		62	ditto	47	
61	ditto	37					
62	ditto	37					

Hudson's Straights.

Lat.

Lat.	Long.	Variat.
D. M.	D. M.	D. M.
61 00	72 00	42 00
62	ditto	43
63	ditto	48
62 00	74 00	41 00
63	ditto	48
62 00	76 00	41 00
63	ditto	47
64	ditto	49
62 00	78 00	40 00
63	ditto	42
64	ditto	49
63 00	80 00	40 00
64	ditto	49

Obf.

Hudson's Streights.

60 00	82 00	38 00
61	ditto	39
62	ditto	40
63	ditto	42
64	ditto	44

Obf.

50 00	84 00	19 00
51	ditto	20
51	ditto	21
52	ditto	22
53	ditto	23
54	ditto	24
55	ditto	25
56	ditto	26
57	ditto	27
58	ditto	27
59	ditto	28
60	ditto	29
61	ditto	30
62	ditto	40

In Hudson's Bay.

Lat.	Long.	Variat.
D. M.	D. M.	D. M.
55 00	86 00	22 00
56	ditto	23
57	ditto	24
58	ditto	25
59	ditto	26
60	ditto	27
56 00	88 00	12 00
57	ditto	23
58	ditto	24
59	ditto	25
60	ditto	26
57 00	90 00	21 00
58	ditto	22
59	ditto	23
60	ditto	24

Obf.

In Hudson's Bay.

Note, *The Letters Obf. are the Observations, and the Letters Ac. are by Estimation.*